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First Edition: Revision 1.0 October, 2001

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USB Instant DVD Installation Guide



Getting Started

The basic steps are:

1. Check USB Instant DVD package contents
2. Wire it Up!- audio and video connectors
3. Plug it In!- Power and USB connection
4. Install Device Drivers & Application software
5. Verify Hardware Installation
6. Set Windows Audio Mixer
7. Installation Summary & Diagram
8. Start Making DVD Movies!

System Requirements

- Intel Celeron 400 MHz or AMD K6-400 or better
- Windows 98, Win98SE, WinME, Win2000 or WinXP
- 64 MB (128 MB recommended)
- Sound Card (full duplex)
- 16 MB AGP video card
- CD-ROM Drive
- 150 MB hard disk space for capture/editing applications
- Disk space for video captures; Video captured at 4 Mb/sec will use 1.8 GB per hour
- CD-R drive & software required for saving movie files onto a CD

1. Check USB Instant DVD Contents

Hardware:

- (A) USB Instant DVD device
- (B) 5 VDC Power supply
- (C) 6 ft. USB Cable
- (D) 6 ft. A/V In cable (RCA video and Audio to RCA video and 3.5 mm stereo)
- (E) 6 ft. 3.5 mm male to 3.5 mm male stereo audio cable
- (F) 9 ft. Audio out to TV/VCR cable (3.5 mm stereo w/female 3.5mm Y to R+L RCA audio)
- (G) 9 ft. RCA Video cable

Instant DVD CD containing:

- Instant DVD Capture & Export utility
- Instant DVD device drivers
- Video Studio 5 – Special full version customized for Instant DVD
- MyDVD 3.0
- Cyberlink PowerDVD 3.0
- Sound Forge XP 4.5
- Acid Style 2.0 with 100 audio loops
- Microsoft Media Player 7
- Quick Time player

2. Wire It Up!

In this section we will connect all audio and video cables that you will use to capture audio and video and then send audio and video back to a TV or VCR for viewing or recording.

1. Connect your video source (VHS, DVD, Laser Disc Player, TV. etc.) to your USB Instant DVD.

Connect your **(D) 6 ft. A/V In cable** to the 3 RCA jacks to your analog audio/video source RCA Line Out.

The other end connects to the "RCA Video In" jack and "Audio In" jack on the back of your USB Instant DVD.



A/V Source



USB Instant DVD



2. Wire It Up! (cont'd)

2. Connect your USB Instant DVD Audio to the Sound Card on your PC. This will send Audio from your USB Instant DVD to your PC.

Connect one end of your **(E) 6 ft. male to male stereo audio cable** to the Audio Out jack at the back of your USB Instant DVD.

Connect the other end to the Line In jack on your sound card of your PC.

Check your diagram of connectors on your Sound Card



USB Instant DVD



PC Sound Card



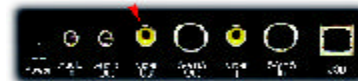
4. Connect your USB Instant DVD to your TV or VCR. This will send captured or edited video back to your TV or VCR for viewing or recording.

Connect **(G) RCA cable** to "Video Out" on Instant DVD

Connect other end to Video IN on your TV or VCR.



USB Instant DVD



A/V Source

2. Wire It Up! (cont'd)

3. Connect the Audio Out of your PC to the Audio In on your TV or VCR. This will send recorded audio from your PC out for recording or listening on your TV or VCR.



Connect the Right and Left RCA jacks of the **(F) 9 ft. Audio out to TV/VCR cable** to the Audio Inputs on your TV or VCR.

Connect the 3.5mm stereo jack to the Line Out or Speaker jack on your sound card.

If you do not have a "Line Out" jack you can connect this cable to your "Speaker Jack". Then you can plug your speakers into the "Y" female 3.5mm jack

Sound Card Color Coded Connectors:

Audio Line-In = Light Blue

Audio Line-Out = Lime Green

Microphone = Pink

Speaker Out/Subwoofer = Orange

Right to Left Speaker = Brown

**Sound Card Connector color codes according to PC-99 spec.*

A/V Source



PC Sound Card



3. Plug It In

Plug it In!

In this section you will Connect USB Instant DVD to your PC and Install Software Drivers. Follow these step by step instructions to connect your USB Instant DVD and install device drivers and software applications:

- 1.) INSERT CD** - Insert the USB Instant DVD CD into your PC's CD-ROM drive. The Instant DVD Installation splash screen will appear.
- 2.) PLUG IT IN** - Plug the 5 VDC power supply into the power jack.
- 3.) CONNECT USB** – Connect the USB cable between a USB Port on your PC and the Instant DVD unit. Connect directly to an available USB port on the motherboard or extra USB PCI host card such as the ADS USB Port card.



4. Install Device Drivers and Application Software

Install Device Drivers

Windows will detect the device and install the device drivers. Follow the “New Hardware Wizard” to install the drivers. The device drivers are located at the root of the USB Instant DVD CD. Let Windows Search for the appropriate drivers. Windows will find the drivers on the Instant DVD CD and load them for you. Follow the instructions on the New Hardware Wizard and click “Finish” once the drivers are installed.

Install Application Software

The USB Instant DVD AutoRun installation menu should be on the screen. Follow these steps to install necessary software applications:

- 1.) Click the “Install Drivers” button to install the all necessary drivers install the USB Instant DVD capture and export utility and other software that is **NECESSARY** for proper installation of the device.
 - a. Instant DVD Capture and Export utility
 - b. PowerDVD 3.0
 - c. DirectX 8.0a
- 3.) Click Video Studio 5. The Video Studio 5 AutoRun screen will appear. Install Video Studio 5 and all associated applications.
- 4.) Click MyDVD 3.0. This will install the MyDVD 3.0 application.

Install all the other bundled software now or at a later time by inserting the Instant DVD CD and selecting the desired software application.]



Installation notes:

During the Instant DVD application installation we will prompt you to enable “DMA” on your IDE hard drives. We do this to optimize video capture. When DMA is not enabled you will likely drop video frames resulting in jerky video captures. We will also set your VGA resolution to 1024 x 768. This is the optimal resolution for viewing video at full resolution. DVD video is captured at 704 x 480 (704 x 576) PAL. If your resolution is not high enough you will not be able to view the video at full resolution.

5. Verify Hardware Installation

Check Device Manager to verify that the USB Instant DVD hardware is recognized by Windows and is properly installed.

Win98, Win98SE, WinME:

- 1.) Click Start, Settings, Control Panel.
- 2.) In Control Panel, click System.
- 3.) Click Device Manager tab.
- 4.) Double click the Imaging Device heading.
- 5.) USB Instant DVD should be listed.

WinXP, Win2000:

- 1.) Click Start, Settings, Control Panel.
- 2.) In Control Panel, click System.
- 3.) Click on the Hardware Tab.
- 3.) Click Device Manager Button.
- 4.) Double click the Imaging Device heading.
- 5.) USB Instant DVD should be listed.

If USB Instant DVD is listed under the Imaging Device heading, then the device is properly installed.



5. Windows Audio Mixer Settings

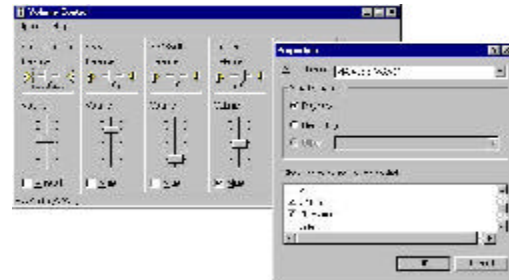
Windows Audio Mixer Settings

USB Instant DVD uses your computer sound card to record and playback the audio portion of your video recordings. You need to set up your audio mixers to properly capture the audio.

Volume/ Play Control Mixer

1.) Click "Mute" on the Line-In Mixer. If Line-In is not present click "Options" and select Line-In as one of the mixer options that should appear in the Volume/Play Control mixer.

Don't worry, you'll still hear the audio when you preview or record your video. You should have a full duplex sound card. This means that it records and plays back at the same time so you will hear the playback through the sound card while previewing and recording video. If you hear an echo while recording video, check your mixer and be sure Line-In is muted or check your sound card to be certain that it supports full duplex.



Record Mixer

- 1.) Make the Record Mixer appear by Clicking Options on the Volume/Play Control Mixer & click the "Recording" option.
- 2.) When switching to Recording, be sure that the Line-In option is selected.
- 3.) Click OK and the Record Control mixer is displayed.
- 4.) Select Line-In on the Record Control Mixer.
- 5.) You can control audio record levels with this mixer.



7. Installation Summary

By now you should have completed the following:

- 1.) Made all of the Audio and Video connections between Instant DVD and your Audio/Video equipment.
- 2.) Connected Instant DVD to the Power Supply and USB Port on your PC.
- 3.) Installed USB drivers and verified the device is properly installed
- 4.) Installed all necessary software applications required for proper operation.
- 5.) Now you are ready to Start Making DVD Movies.

8. Start Making DVD Movies

USB Instant DVD Capture/Playback

Now you are ready to start capturing video. We have created the USB Instant DVD application to allow you to quickly capture and export video on your PC without starting a video editor or DVD Authoring program. Use the USB Instant DVD application to test video capture and playback of video before moving on to Video Studio 5.

We have created a simple getting started Wizard that allows you to verify your connections and make the proper setup choices before capturing video.



USB Instant DVD Wizard

Step One: Choose worldwide video standard based on country

For more information on these standards, click on "Learn more about worldwide video standards"



[Learn more about worldwide video standards...](#)

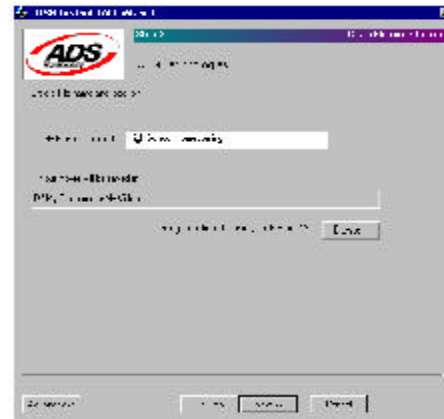
Step Two: Select Video Inputs &Outputs

Choose RCA or S-Video based on your video source



USB Instant DVD Wizard (cont'd)

Step Three: Create file name and select file location



Step Four: Choose video format and click Finish.

For more information on these MPEG, click on "Learn more about video formats"



Service and Warranty:

Service:

If you require assistance with the installation, operation, or application of your ADS Technologies, Inc. product there are several options available to you as described in the technical support section of this manual. Your primary source for information and assistance is always your computer store or computer parts dealer. If your ADS product needs repair or replacement, contact your dealer for on-site repair service.

The ADS Technologies technical support and customer service staff can aid in solving many problems. Our technical support department is available to repair any ADS Technologies product. You or your dealer must return products to our factory for repair or warranty replacement.

Return/Replacement:

If you need to return your ADS Technologies product you should return the product directly to the dealer or store where you purchased the product. Each individual computer store or dealer sets product returns policies for their customers. ADS Technologies, Inc. cannot be responsible for the actions or policies set by our dealers. If you desire to return the product for a refund, you must get the refund from the dealer or store you purchased the product from. If you purchased the product directly from ADS please see the "Terms and Conditions of Sale" on the reverse side of your sales invoice.

Returns to ADS Technologies, Inc. are for repair or warranty replacement only. If you need to return product to ADS Technologies, Inc. for repair or replacement you must follow these steps:

1. Call our Technical Support department at (562) 926-4338 to obtain a Return Merchandise Authorization (RMA) number.
2. The RMA number is valid for 30 days.
3. Ship the product to the ADS factory with the RMA number marked on the inside and outside of the package. If there is no RMA number on the package or the RMA number has expired, the shipment will be refused. ADS will not be liable for lost or mis-shipped products.
4. Replacement product cannot be shipped to you until the defective product has been received by ADS.
5. Once the product is received at the factory it will be tested and then repaired or replaced.
6. Turn around time is approximately one week. A repaired or replacement product will be shipped back to you.

Warranty:

This ADS Technologies, Inc. product comes with a One (1) year hardware warranty. ADS Technologies, Inc. (ADS) warrants this product against defects in material and workmanship for a period of One (1) year from the date of original purchase from ADS or an authorized ADS dealer. This warranty applies only to the original purchase of the product and is not transferable. This warranty does not cover any incompatibilities due to the user's computer, hardware, software or other related system configuration in which the product interfaces.

Proof of

purchase will be required before any warranty consideration by ADS occurs.

This warranty does not cover any damage caused by negligence, non-authorized modifications, or parts installed without prior written permission from ADS.

This warranty does not apply if the product has been damaged by accident, abuse, or misapplication, nor as a result of service to the product by anyone other than ADS.

If your ADS product is not in working order, your only recourse is repair or warranty replacement, as described above. UNDER NO CIRCUMSTANCES will ADS Technologies, Inc. be liable for consequential damages, including but not limited to any lost savings, lost profits, or any other damages, caused by the use of any ADS Technologies, Inc. product or inability to use the product, even if the dealer or ADS Technologies, Inc. has been advised of such liability or other claims. This includes damage to property and, to the extent permitted by law, damages for personal injury. This warranty is in lieu of all other warranties including implied warranties of merchantability and fitness for a particular purpose.

FCC Information

Federal communications Commission Radio Frequency Interference Statement

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna
- * Increase the separation between the equipment and receiver.
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- * Consult the dealer or an experienced radio TV technician for help.

Notice:

(1) The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

(2) Shielded interface cables and AC power cord, if any, must be used in order comply with the emission limits.